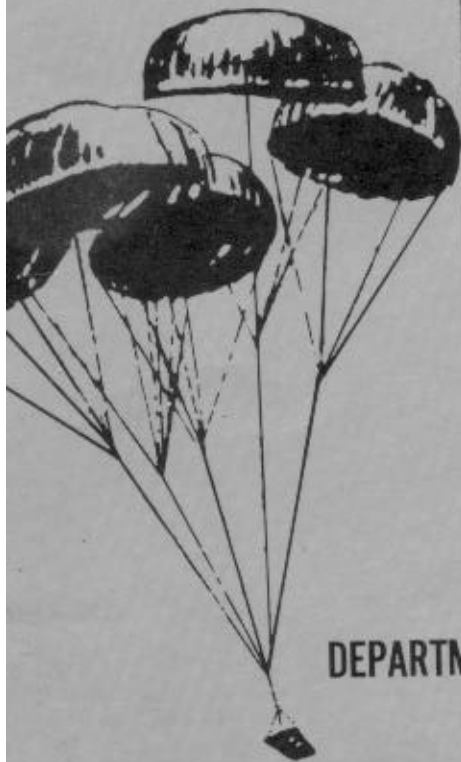


ARMY FM 10-515
AIR FORCE TO 13C7-10-181

**AIRDROP OF SUPPLIES AND EQUIPMENT:
RIGGING ARMORED RECONNAISSANCE/
AIRBORNE ASSAULT VEHICLE (M551)**



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**AIRDROP OF SUPPLIES AND EQUIPMENT:
RIGGING ARMORED RECONNAISSANCE/
AIRBORNE ASSAULT VEHICLE (M551)**

This change adds the procedures for rigging the ARAAVs for low-velocity and LAPE airdrop on the type V platform. It also includes procedures for rigging the Shillelagh missiles on the type V platform for low-velocity airdrop.

FM 10-515/TO 13C7-10-181, 24 September 1984, is changed as follows:

1. New or changed material is identified by a vertical bar in the margin opposite the changed material.
2. Remove old pages and insert new pages as indicated below:

<u>Remove pages</u>	<u>Insert pages</u>
✓ i through iii	✓ i through v
	✓ 5-1 through 5-64
	✓ 6-1 through 6-45
	✓ 7-1 through 7-13
✓ Glossary-1	Glossary-1
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FIELD MANUAL
NO 10-515
TECHNICAL ORDER
NO 13C7-10-181

DEPARTMENTS OF THE ARMY
AND THE AIR FORCE
Washington, DC, 24 September 1984

AIRDROP OF SUPPLIES AND EQUIPMENT: RIGGING ARMORED RECONNAISSANCE/ AIRBORNE ASSAULT VEHICLE (M551)

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*This publication supersedes FM 10-515/TO 13C7-10-181, 30 October 1975.

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PREFACE

SCOPE

This manual tells and shows how to rig an M551 and M551A1 ARAAV for low-velocity airdrop from C-130 and C-141 aircraft and for LAPE airdrop from C-130 aircraft. Low-velocity and LAPE airdrop of the M551 and M551A1 ARAAV from C-130 aircraft is restricted to aircraft that have a serial number 62-1784 or higher. This manual also tells and shows how to rig Shillelagh missiles in their containers for low-velocity airdrop from C-130 and C-141 aircraft. This manual is designed for use by all parachute riggers.

USER INFORMATION

The proponent of this publication is HQ TRADOC. You are encouraged to report any errors or omissions and suggest ways for improving this manual. Army personnel, send your comments on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to:

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CHAPTER 1

INTRODUCTION

1-1. Description of Items

The description of the items covered in this manual is as follows:

a. The unrigged armored reconnaissance/airborne assault vehicle (ARAAV) (figure 1-1) with its combat load of ammunition and petroleum, oil, and lubricant (POL) weighs from 33,000 to 35,000 pounds. The vehicle is 248 inches long, 110 inches wide, and 116 inches high (reducible to 96 1/2 inches).

b. An unboxed Shillelagh missile weighs 62 pounds.

1-2. Special Considerations

a. The loads covered in this manual may include hazardous material as defined in AFR 71-4/TM 38-250. If hazardous material is included, it must be packaged, marked, and labeled as required by AFR 71-4/TM 38-250.

CAUTION

Only ammunition listed in FM 10-553/TO 13C7-18-41 may be airdropped.

b. A copy of this manual must be available to the joint airdrop inspectors during the before-loading and after-loading inspections.



Figure 1-1. Armored reconnaissance/airborne assault vehicle.